| Ref<br>#   | Hits | Search Query   | DBs                        | Default<br>Operator | Plurals | Time Stamp       |
|------------|------|--|----------------------------|---------------------|---------|------------------|
| S11        | 13   | (public adj key same initial adj<br>value)and (@ad<"19980818" or<br>@rlad<"19980818" or<br>@prad<"19980818")   | US-PGPUB;<br>USPAT;<br>EPO | OR                  | OFF     | 2004/11/14 17:33 |
| S12        | 1333 | (public adj key with (seed number<br>value))and (@ad<"19980818" or<br>@rlad<"19980818" or<br>@prad<"19980818") not S11   | US-PGPUB;<br>USPAT;<br>EPO | OR                  | OFF     | 2004/11/15 16:45 |
| S13        | 805  | (user with (seed number value))and<br>(public adj key with (seed number<br>value))and (@ad<"19980818" or<br>@rlad<"19980818" or<br>@prad<"19980818") not S11                           | US-PGPUB;<br>USPAT;<br>EPO | OR                  | OFF     | 2004/11/14 17:18 |
| S14        | 308  | (user with (issu\$3 giv\$1 receiv\$3) with (seed number value))and (public adj key with (seed number value))and (@ad<"19980818" or @rlad<"19980818") not S11                           | US-PGPUB;<br>USPAT;<br>EPO | OR                  | OFF     | 2004/11/14 17:19 |
| <b>S15</b> | 171  | (user with (issu\$3 giv\$1 receiv\$3) with (seed number value))same (public adj key with (seed number value))and (@ad<"19980818" or @rlad<"19980818") not S11                          | US-PGPUB;<br>USPAT;<br>EPO | OR                  | OFF     | 2004/11/14 17:19 |
| S16        | 132  | (user with (issu\$3 giv\$1 receiv\$3) with (seed number value))same (public adj key with (seed number value))and (@ad<"19980818" or @rlad<"19980818") not S11                          | USPAT                      | OR                  | OFF     | 2004/11/14 17:19 |
| S17        | 0    | (user with (issu\$3 giv\$1 receiv\$3) with (seed number value))same (public adj key with (seed number value)).ab. and (@ad<"19980818" or @rlad<"19980818" or @prad<"19980818") not S11 | USPAT                      | OR                  | OFF     | 2004/11/14 17:19 |
| S18        | 13   | (user with (issu\$3 giv\$1 receiv\$3) with (seed number value)).ab. and (public adj key with (seed number value)) and (@ad<"19980818" or @rlad<"19980818") not S11                     | USPAT                      | OR                  | OFF     | 2004/11/14 17:20 |
| S19        | 9    | (user with (issu\$3 giv\$1 receiv\$3) with (seed number value)) and (public adj key with (seed number value)).ab. and (@ad<"19980818" or @rlad<"19980818" or @prad<"19980818") not S11 | USPAT                      | OR                  | OFF     | 2004/11/14 17:47 |
| S20        | 22   | S18 or S19   | USPAT                      | OR                  | OFF     | 2004/11/14 17:20 |

| S21 | 1   | "5768389".pn. and ("personal data" "ID" "(ID)")  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2004/11/14 17:45 |
|-----|-----|--|----------------------------|----|-----|------------------|
| S22 | 14  | (((user adj (name ID)) password) with public adj key).ab. and (@ad<"19980818" or @rlad<"19980818" or @prad<"19980818") not (S20 S11) | USPAT                      | OR | OFF | 2004/11/14 17:54 |
| S23 | 870 | (380/44 380/45 380/46 380/47).<br>ccls. and (@ad<"19980818" or<br>@rlad<"19980818" or<br>@prad<"19980818")                           | USPAT                      | OR | OFF | 2004/11/14 17:55 |
| S24 | 322 | (380/44).ccls. and<br>(@ad<"19980818" or<br>@rlad<"19980818" or<br>@prad<"19980818")   | USPAT                      | OR | OFF | 2004/11/14 17:56 |
| S25 | 47  | (380/44).ccls. and<br>(@ad<"19980818" or<br>@rlad<"19980818" or<br>@prad<"19980818") and seed  | USPAT                      | OR | OFF | 2004/11/14 17:57 |
| S26 | 16  | (380/44).ccls. and<br>(@ad<"19980818" or<br>@rlad<"19980818" or<br>@prad<"19980818") and seed with<br>user                           | USPAT                      | OR | OFF | 2004/11/14 18:01 |
| S27 | 1   | "6608901".pn. and public adj key   | USPAT                      | OR | OFF | 2004/11/14 17:59 |
| S28 | 9   | (380/44).ccls. and<br>(@ad<"19980818" or<br>@rlad<"19980818" or<br>@prad<"19980818") and seed with<br>user and public adj key        | USPAT                      | OR | OFF | 2004/11/14 18:21 |
| S29 | 77  | public adj key with token and (@ad<"19980818" or @rlad<"19980818" or @prad<"19980818")   | USPAT                      | OR | OFF | 2004/11/15 11:47 |
| S30 | 130 | public adj key with smart and<br>(@ad<"19980818" or<br>@rlad<"19980818" or<br>@prad<"19980818")                                      | USPAT                      | OR | OFF | 2004/11/14 18:23 |
| S31 | 100 | public adj key with smart adj card<br>and (@ad<"19980818" or<br>@rlad<"19980818" or<br>@prad<"19980818")                             | USPAT                      | OR | OFF | 2004/11/14 18:23 |
| S32 | 0   | public adj key with seed with smart<br>adj card and (@ad<"19980818" or<br>@rlad<"19980818" or<br>@prad<"19980818")                   | USPAT                      | OR | OFF | 2004/11/14 18:23 |
| S33 | 5   | public adj key and seed with smart<br>adj card and (@ad<"19980818" or<br>@rlad<"19980818" or<br>@prad<"19980818")                    | USPAT                      | OR | OFF | 2004/11/14 18:28 |

| C24 |     | multip and hour and are district  | LICDAT             | OB | OFF | 2004/11/14 10:22 |
|-----|-----|---|--------------------|----|-----|------------------|
| 534 | 6   | public adj key and seed with token<br>and (@ad<"19980818" or<br>@rlad<"19980818" or<br>@prad<"19980818")                                | USPAT              | OR | OFF | 2004/11/14 18:33 |
| S35 | 9   | (generat\$ with (public assymetric) with key\$1).ti. and  | USPAT              | OR | OFF | 2004/11/14 18:35 |
|     |     | (@ad<"19980818" or<br>@rlad<"19980818" or<br>@prad<"19980818")  |                    |    |     |                  |
| S36 | 6   | (generat\$ with (public assymetric)<br>with key\$1).ti. and (user)<br>and(@ad<"19980818" or<br>@rlad<"19980818" or<br>@prad<"19980818") | USPAT              | OR | OFF | 2004/11/14 19:22 |
| S37 | 101 | (PIN same public adj key)<br>and(@ad<"19980818" or<br>@rlad<"19980818" or<br>@prad<"19980818")  | USPAT              | OR | OFF | 2004/11/15 10:51 |
| S38 | 41  | (PIN with public adj key)<br>and(@ad<"19980818" or<br>@rlad<"19980818" or<br>@prad<"19980818")  | USPAT              | OR | OFF | 2004/11/15 11:02 |
| S39 | 322 | 380/44.ccls. and(@ad<"19980818" or @rlad<"19980818" or  | USPAT              | OR | OFF | 2004/11/15 11:02 |
|     |     | @prad<"19980818")   |                    |    |     |                  |
| S40 | 119 | public adj key and 380/44.ccls.<br>and(@ad<"19980818" or<br>@rlad<"19980818" or<br>@prad<"19980818")                                    | USPAT              | OR | OFF | 2004/11/15 11:03 |
| S41 | 119 | public adj key and 380/44.ccls.<br>and(@ad<"19980818" or  | USPAT;<br>EPO; JPO | OR | OFF | 2004/11/15 11:52 |
|     |     | @rlad<"19980818" or<br>@prad<"19980818")  |                    |    |     |                  |
| S42 | 29  | key.ti. and public adj key and<br>380/44.ccls. and(@ad<"19980818"<br>or @rlad<"19980818" or<br>@prad<"19980818")                        | USPAT;<br>EPO; JPO | OR | OFF | 2004/11/15 11:15 |
| S43 | 10  | user with (ID password PIN information) with (creat\$3  | USPAT;<br>EPO; JPO | OR | OFF | 2004/11/15 11:39 |
|     |     | generat\$3 deriv\$3) same public adj<br>key and 380/44.ccls.  |                    |    |     |                  |
| S44 | 0   | ("method for generating public and private key").ti. and (@ad<"19980818" or @rlad<"19980818" or @prad<"19980818")                       | USPAT              | OR | OFF | 2004/11/15 11:48 |
| S45 | 1   | (method with generat\$3 with public<br>with key with passphrase).ti. and<br>(@ad<"19980818" or<br>@rlad<"19980818")                     | USPAT              | OR | OFF | 2004/11/15 11:48 |

| S46        | 16            | ("4747050" "5557346" "557765"<br>"5600720" "5724425" "4200770"<br>"4405829" "4759063" "4799258"<br>"5136646" "5401950" "5546463"<br>"5663896" "5848159" ).pn.                         | USPAT;<br>EPO; JPO           | OR       | OFF | 2004/11/15 11:53 |
|------------|---------------|---|------------------------------|----------|-----|------------------|
| S47        | 9             | ("4747050" "5557346" "557765"<br>"5600720" "5724425" "4200770"<br>"4405829" "4759063" "4799258"<br>"5136646" "5401950" "5546463"<br>"5663896" "5848159" ).pn. and<br>(public adj key) | USPAT;<br>EPO; JPO           | OR       | OFF | 2004/11/15 13:10 |
| S48        | 1             | "4736423".pn.   | USPAT;<br>EPO; JPO           | OR       | OFF | 2004/11/15 15:30 |
| S49<br>S50 | <u>1</u><br>1 | "4736423".pn. and (user public secret) "5201000".pn. and (hash one adj  | USPAT;<br>EPO; JPO<br>USPAT; | OR<br>OR | OFF | 2004/11/15 15:36 |
| 550        | 1             | way user)   | EPO; JPO                     | OK       | OFF | 2004/11/13 13.37 |
| S51        | 114           | (public adj key with (user owner)<br>near2 name)and (@ad<"19980818"<br>or @rlad<"19980818" or<br>@prad<"19980818")  | US-PGPUB;<br>USPAT;<br>EPO   | OR       | OFF | 2004/11/15 16:46 |
| S52        | 89            | (public adj key with (user adj<br>name))and (@ad<"19980818" or<br>@rlad<"19980818" or<br>@prad<"19980818")  | US-PGPUB;<br>USPAT;<br>EPO   | OR       | OFF | 2004/11/15 16:46 |
| S53        | 75            | (public adj key with (user adj<br>name))and (@ad<"19980818" or<br>@rlad<"19980818" or<br>@prad<"19980818")  | USPAT                        | OR       | OFF | 2004/11/15 16:47 |
| S54        | 48            | (public adj key with generat\$3) and (public adj key with (user adj name))and (@ad<"19980818" or @rlad<"19980818")  | USPAT                        | OR       | OFF | 2004/11/15 17:00 |
| S55        | 1.            | "5201000".pn. and (passphrase)  | SUSPAT                       | OR       | OFF | 2004/11/15 16:56 |
| S56        | 3             | (public adj key with generat\$3) and (public adj key with (user adj name))and 380/44.ccls. and (@ad<"19980818" or @rlad<"19980818")   | USPAT                        | OR       | OFF | 2004/11/15 17:05 |
| S57        | 4             | (public adj key with generat\$3) and (public adj key with (user adj (name information)))and 380/44. ccls. and (@ad<"19980818" or @rlad<"19980818")                                    | USPAT                        | OR       | OFF | 2004/11/15 17:06 |

| S58 | 1   | (public adj key with generat\$3) and (public adj key with (user adj (name information)))and 380/44. ccls. and (@ad<"19980818" or @rlad<"19980818") not S56 | USPAT                      | OR | OFF | 2004/11/15 17:10 |
|-----|-----|--|----------------------------|----|-----|------------------|
| S59 | 55  | (generat\$3 with public adj key with<br>(user adj (name information id)))<br>and (@ad<"19980818" or<br>@rlad<"19980818") not S57                           | USPAT                      | OR | OFF | 2004/11/15 17:16 |
| S60 | 0   | (generat\$3 with public adj key with (owner adj (name information id))) and (@ad<"19980818" or @rlad<"19980818" or @prad<"19980818") not S57               | USPAT                      | OR | OFF | 2004/11/15 17:16 |
| S61 | 0   | (create with identif\$3 with (owner adj (name information id))) and (@ad<"19980818" or @rlad<"19980818") not S57   | USPAT                      | OR | OFF | 2004/11/15 17:17 |
| S62 | 10  | (creat\$3 with identif\$3 with (owner with (name information id))) and (@ad<"19980818" or @rlad<"19980818" or @prad<"19980818") not S57                    | USPAT                      | OR | OFF | 2004/11/15 18:19 |
| S63 | .3  | (public adj key same seed with recover\$3) and (@ad<"19980818" or @rlad<"19980818") @prad<"19980818")  | USPAT                      | OR | OFF | 2004/11/15 18:19 |
| S64 | 334 | (password with smart adj card)<br>and(@ad<"20001201" or<br>@rlad<"20001201" or<br>@prad<"20001201")  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2004/11/16 09:10 |
| S65 | 0   | paraphrase same(password with<br>smart adj card)<br>and(@ad<"20001201" or<br>@rlad<"20001201")   | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2004/11/16 09:10 |
| S66 | 0   | paraphrase and(password with<br>smart adj card)<br>and(@ad<"20001201" or<br>@rlad<"20001201")  | US-PGPUB;<br>USPAT;<br>EPO | OR | OFF | 2004/11/16 09:10 |
| S67 | 327 | (password with smart adj card)<br>and(@ad<"20001201" or<br>@rlad<"20001201" or<br>@prad<"20001201")  | US-PGPUB;<br>USPAT         | OR | OFF | 2004/11/16 09:10 |
| S68 | 51  | (security with password with smart adj card) and(@ad<"20001201" or @rlad<"20001201")   | US-PGPUB;<br>USPAT         | OR | OFF | 2004/11/16 09:18 |

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|                  |    |   |                    | ,  |     |                  |
|------------------|----|---|--------------------|----|-----|------------------|
| S69              | 10 | (random with seed with smart adj<br>card) and(@ad<"20001201" or<br>@rlad<"20001201" or<br>@prad<"20001201")                       | US-PGPUB;<br>USPAT | OR | OFF | 2004/11/16 09:13 |
| S70              | 0  | (random with seed with weak with smart adj card) and(@ad<"20001201" or @rlad<"20001201") or @prad<"20001201")                     | US-PGPUB;<br>USPAT | OR | OFF | 2004/11/16 09:15 |
| S71 <sup>-</sup> | 0  | (random with seed with (forget\$1 forgot\$1) with smart adj card) and(@ad<"20001201" or @rlad<"20001201" or @prad<"20001201")     | US-PGPUB;<br>USPAT | OR | OFF | 2004/11/16 09:16 |
| S72              | 3  | (security with password with(forget\$1 forgot\$1)with smart adj card) and(@ad<"20001201" or @rlad<"20001201" or @prad<"20001201") | US-PGPUB;<br>USPAT | OR | OFF | 2004/11/16 09:17 |
| S73              |    | (security with password with(weak)with smart adj card) and(@ad<"20001201" or @rlad<"20001201")                                    | US-PGPUB;<br>USPAT | OR | OFF | 2004/11/16 09:17 |
| S74              | 11 | (generat\$3 with seed with smart<br>adj card) and(@ad<"20001201" or<br>@rlad<"20001201" or<br>@prad<"20001201")                   | US-PGPUB;<br>USPAT | OR | OFF | 2004/11/16 09:18 |